

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently amended)** A transparent conductive film comprising a transparent plastic film having two surfaces, a gas barrier layer and a transparent conductive layer, wherein

a refractive index is controlled so that the refractive index continuously or stepwise decreases from a surface of the transparent conductive film having the transparent conductive layer to the other surface of the transparent conductive film.

2. **(Currently amended)** The transparent conductive film of claim 1, wherein

the gas barrier layer and the transparent conductive layer are provided in that order on one of the surfaces ~~surface~~ of the transparent plastic film; and

the refractive index in the gas barrier layer is

controlled so that the refractive index continuously or stepwise decreases from a surface being in contact with the transparent conductive layer to a surface being in contact with the transparent plastic film.

3. **(Currently amended)** The transparent conductive film of claim 1, wherein

the transparent conductive layer is provided on one ~~surfaee~~ of the two surfaces of the transparent plastic film;

the gas barrier layer is provided on the other ~~surfaee~~ of the two surfaces of the transparent plastic film; and

the refractive index in the gas barrier layer is smaller than the refractive index in the transparent plastic film.

4. **(Original)** The transparent conductive film of claim 1, wherein

the gas barrier layer comprises at least two metal elements.

5. **(Withdrawn)** A transparent conductive film comprising a transparent plastic film, gas barrier layer A, gas barrier layer

B and a transparent conductive layer, wherein

gas barrier layer A and the transparent conductive layer are provided in that order on one surface of the transparent plastic film;

gas barrier layer B is provided on the other surface of the transparent plastic film; and

Inequation (1) is satisfied, provided that a refractive index in the transparent conductive layer is designated as n_1 , a refractive index in gas barrier layer A is designated as n_2 , a refractive index in the transparent plastic film is designated as n_3 and a refractive index in gas barrier layer B is designated as n_4

Inequation (1)

$$n_1 \geq n_2 \geq n_3 \geq n_4$$

wherein $n_1 > n_4$.

6. **(Withdrawn)** The transparent conductive film of claim 5, wherein

gas barrier layer A or gas barrier layer B comprises at least two metal elements.

7. **(Original)** The transparent conductive film of claim 1, wherein
Tg (a glass transition temperature) of the transparent
plastic film is 180°C or more.

8. **(Original)** The transparent conductive film of claim 1, wherein
the transparent plastic film comprises a cellulose ester.

9. **(Withdrawn)** A method to manufacture the transparent conductive
film of claim 1, wherein
at least one of the layers selected from the group
consisting of the gas barrier layer, gas barrier layer A and the
gas barrier layer is formed by means of a plasma CVD method.

10. **(Withdrawn)** The method of claim 9, wherein
the plasma CVD method is carried out under an ambient
pressure or under a near ambient pressure.

11. **(Withdrawn)** The method of claim 9, wherein
the plasma CVD method comprises a film forming process in
which a high frequency voltage in the range of 10 kHz to 2500 MHz

is applied and an electric power in the range of 1 W/cm² to 50 W/cm² is supplied.

12. **(Withdrawn)** The method of claim 11, wherein

the high frequency voltage is obtained by superimposing an alternating voltage of a frequency range of 1 kHz to 1 MHz and an alternating voltage of a frequency range of 1 MHz to 2500 MHz.

13. **(Withdrawn)** An organic electroluminescent element comprising the transparent conductive film of claim 1 having thereon organic electroluminescent element constituting layers.

14. **(Withdrawn)** The transparent conductive film of claim 5, wherein

T_g (a glass transition temperature) of the transparent plastic film is 180°C or more.

15. **(Withdrawn)** The transparent conductive film of claim 5, wherein

the transparent plastic film comprises a cellulose ester.

16. **(Withdrawn)** A method to manufacture the transparent conductive film of claim 5, wherein

at least one of the layers selected from the group consisting of the gas barrier layer, gas barrier layer A and the gas barrier layer is formed by means of a plasma CVD method.

17. **(Withdrawn)** An organic electroluminescent element comprising the transparent conductive film of claim 5 having thereon organic electroluminescent element constituting layers.

18. **(New)** The transparent conductive film of claim 2, wherein the gas barrier film contains at least two kinds of metal elements.

19. **(New)** The transparent conductive film of claim 20, wherein the two kinds of metal elements are Si and Ti.